



Gas



Liquid & Slurry



Solid & Powder



Steam & Water

# SENTRY ISOLOK MSA SAMPLER

## Point Samplers

### AUTOMATIC SAMPLING

The Sentry® ISOLOK® MSA automatic point sampler is designed for sampling sanitary products such as Grade A or industrial grade raw or processed milk.

The ISOLOK MSA can be used in a process line or on the wall of a vessel or reactor. It can also be installed on road tankers transporting liquid milk.

Users and university study data report typical butterfat tests within .02% of known values, with bacteria counts comparable to hand samples.

#### MODELS

ISOLOK MSA

#### BENEFITS

This sampler is conformant to 3-A Sanitary Standards (third-party verified) with a reliable, sanitary, easy-to-clean design with FDA-approved seals.

The sampler is powered by compressed air and operated by an electrical cycle controller that provides adjustable, time-based sampling rates. The controller circuit has been designed to provide an adjustable time delay before the sampler begins operation.

Other applications of this sampler include low-volume chemical sampling or biofuel/hydrocarbon sampling.

#### FEATURES

- Samples low- to medium-viscosity materials and discharges them by gravity
- Collects a fixed sample volume of 0.5 cc per cycle
- Conformant to 3-A Sanitary Standards through third-party verification
- Uses conventional dairy fittings to clamp-mount on any size line
- Options include port closures, line adapters, different container types, sampler enclosures (with or without heater), sample heating or refrigeration, optional construction materials and seal choices
- ATEX-compliant models available



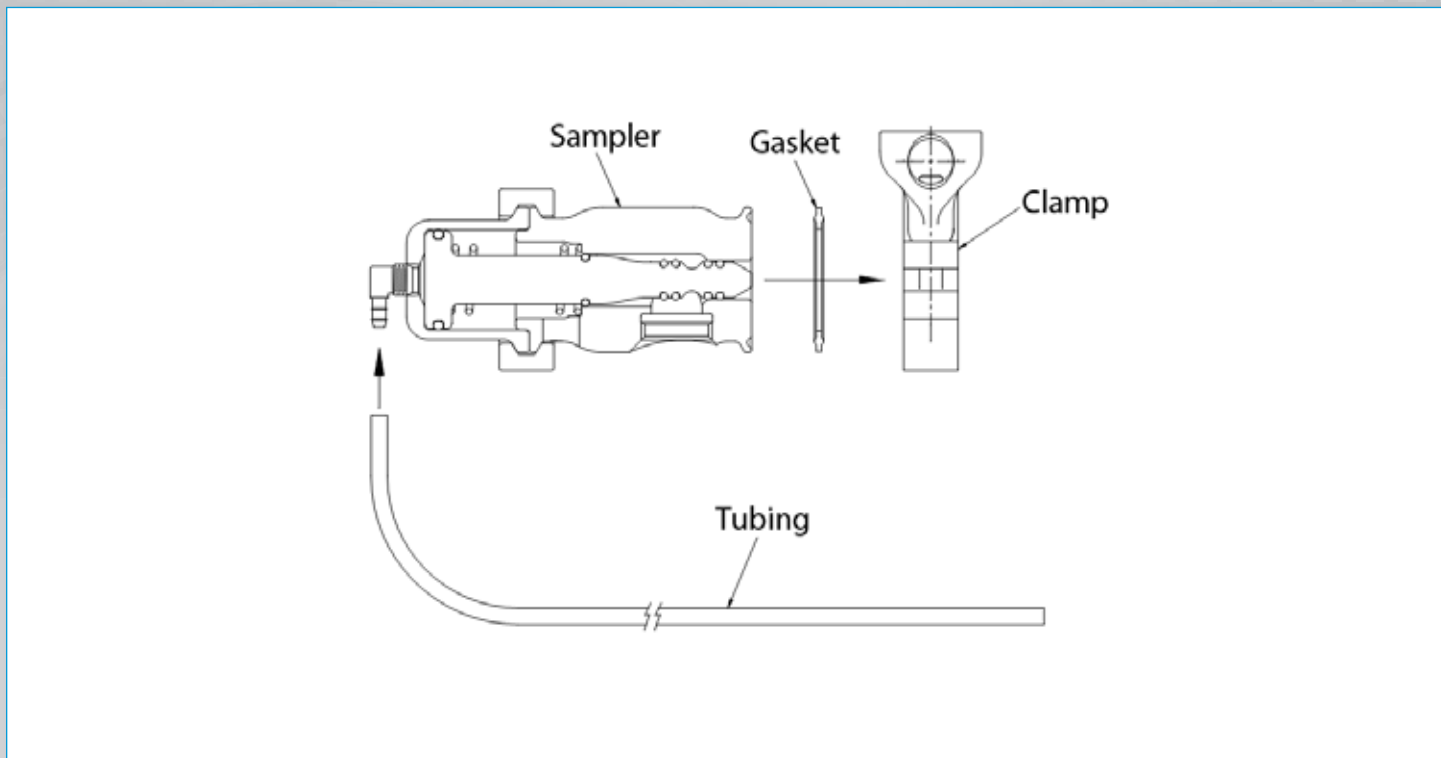
Conforms to 3-A Sanitary Standards through Third-Party Verification (TPV)



Sample. Monitor. Measure.

# SENTRY

Any Application. Anywhere.



**SPECIFICATIONS**

sample volume per cycle	0.5 cc
maximum cycle frequency	240 strokes per minute, depending on application
line mounting options	tri-clamp
materials	316 stainless steel/Buna-N; other seal materials available
sample temperature range	-40° to 500°F (-40° to 260°C), depending on seal material and duty cycle
ambient operating temperature range	-5° to 131°F (-20° to 55°C), depending on seal material
compressed air requirement	2 SCFM at 90 psi (.05 m <sup>3</sup> /min at 6.2 bar)
dimensions	4.75 in x 2 in (121 mm x 51 mm)
shipping weight	3.5 lb (1.5 kg)



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